

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0203.2US	SERIAL NO. 10/084,043
	APPLICANT Joseph A. Kwak	
	FILING DATE February 27, 2002	GROUP 2662

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ST		4,912,705	03/1990	Paneth et al.	370	334	
		5,101,406	03/1992	Messenger	370	349	
		5,280,498	01/1994	Tymes et al.			
	*	5,345,439	09/1994	Marston	370	320	
		5,345,600	09/1994	Davidson	455	501	
		5,351,016	09/1994	Dent			
		5,544,196	08/1996	Tiedemann, Jr. et al.	375	145	
		5,570,369	10/1996	Jokinen	370	311	
		5,648,969	07/1997	Pasternak et al.	370	349	
		5,657,325	08/1997	Lou et al.	370	428	
		5,729,557	03/1998	Gardner et al.	714	774	
		5,828,677	10/1998	Sayeed et al.	714	774	
		5,838,267	11/1998	Wang et al.	341	94	
		5,946,320	08/1999	Decker	370	428	
		5,956,624	09/1999	Hunsinger et al.	455	65	
		5,982,760	11/1999	Chen	370	335	
		5,983,382	11/1999	Pauls	714	744	
		5,983,383	11/1999	Wolf	714	755	
		5,983,384	11/1999	Ross	714	755	
		6,021,124	02/2000	Haartsen	370	336	
		6,049,549	04/2000	Ganz et al.	370	449	
		6,064,692	05/2000	Chow	375	219	
		6,128,276	10/2000	Agee	370	208	
		6,130,918	10/2000	Humphrey et al	375	295	
		6,134,694	10/2000	Uebayashi et al.	714	751	
ST		6,138,260	10/2000	Ketseoglou	714	751	

EXAMINER S. Tsegaye	DATE CONSIDERED 11/9/04
------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.




FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				ATTY. DOCKET NO. I-2-0203.2US		SERIAL NO. 10/084,043	
				APPLICANT Joseph A. Kwak			
				FILING DATE February 27, 2002		GROUP 2662	
U.S. PATENT DOCUMENTS							
ST		6,145,108	11/2000	Ketseoglou	714	751	
		6,154,489	11/2000	Kleider et al.	375	221	
		6,189,123	02/2001	Anders Nystrom et al.	714	751	
		6,208,663	03/2001	Schramm et al.	370	465	
		6,212,240	04/2001	Scheibel, Jr. et al.	RECEIVED 375/261 AUG 09 2004		
		6,212,659	04/2001	Zehavi			
		6,233,711	05/2001	Murayama et al.	714	786	
		6,272,183	08/2001	Berens et al.	Technology Center 2600 375/262		
		6,275,488	08/2001	Cudak et al.	370	347	
		6,289,003	09/2001	Raitola et al.	370	278	
		6,308,294	10/2001	Ghosh et al.	714	751	
		6,317,418	11/2001	Raitola et al.	370	278	
		6,359,877	03/2002	Rathonyi et al.	370	349	
		6,366,601	04/2002	Ghosh et al.	375	130	
		6,370,669	04/2002	Eroz et al.	714	774	
		6,449,246	09/2002	Barton et al.	370	210	
		6,522,650	02/2003	Yonge et al.	370	390	
ST		6,529,561	03/2003	Sipola	375	295	

EXAMINER S. Tsegaye	DATE CONSIDERED 11/9/04
------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



 <p>FORM TO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. 1-2-0203.2US</p>	<p>SERIAL NO. 10/084,043</p>
	<p>APPLICANT Joseph A. Kwak</p>	
	<p>FILING DATE February 27, 2002</p>	<p>GROUP 2662</p>

[illegible]

RECEIVED

**MAY 25 2004**

Technology Center 2600

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# RECEIVED

NOV 05 2003

Technology Center 2600

Sheet 1 of 1



FORM PTO-1449

ATTY. DOCKET NO.  
1-2-0203.2US

SERIAL NO.  
10/084,043

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

APPLICANT  
Joseph A. Kwak

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

FILING DATE  
February 27, 2002

GROUP  
2662

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5	5	7	0	3	6	9	10/1996	Jokinen			
	BB	5	7	2	9	5	5	7	03/1998	Gardner et al.			
	BC	5	8	2	8	6	7	7	10/1998	Sayed et al.			
	BD	5	8	3	8	2	6	7	11/1998	Wang et al.			
	BE	5	9	8	3	3	8	2	11/1999	Pauls			
	BF	5	9	8	3	3	8	3	11/1999	Wolf			
	BG	6	0	6	4	6	9	2	05/2000	Chow			
	BH	6	1	3	0	9	1	8	10/2000	Humphrey et al.			
	BI	6	1	3	4	6	9	4	10/2000	Uebayashi et al.			
	BJ	6	1	3	8	2	6	0	10/2000	Ketseoglou			
	BK	6	1	4	5	1	0	8	11/2000	Ketseoglou			
	BL	6	2	1	2	2	4	0	04/2001	Scheibel, Jr. et al.			

Submitted 8/5/04

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

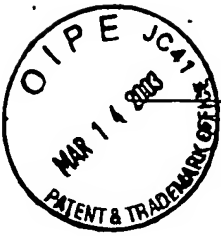
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449									ATTY. DOCKET NO. I-2-0203.2US						SERIAL NO. 10/084,043										
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)															APPLICANT Joseph A. Kwak										
															FILING DATE February 27, 2002						GROUP 2662				
U.S. PATENT DOCUMENTS																									
EXAMINER INITIAL			DOCUMENT NUMBER								DATE		NAME				CLASS		SUBCLASS		FILING DATE IF APPROPRIATE				
	AW		6	0	2	1	1	2	4	02-2000		Haartsen, Jacobus C.													
	AX		6	1	8	9	1	2	3	02-2001		Anders Nyström et al.													
	AY		6	5	2	2	6	5	0	02-2003		Yonge et al.													
	AZ		6	5	2	9	5	6	1	03-2003		Sipola, Jussi													
RECEIVED JUL 10 2003 Technology Center 2600																									
FOREIGN PATENT DOCUMENTS																									
			DOCUMENT NUMBER								DATE		COUNTRY				CLASS		SUBCLASS		TRANSLATION YES NO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																									
EXAMINER											DATE CONSIDERED														



Sheet 1 of 1

FORM PTO-1449

ATTY. DOCKET NO.  
I-2-0203.2USSERIAL NO.  
10/084,043U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
Joseph A. KwakINFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
February 27, 2002GROUP  
2662

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AM	5	3	4	5	6	0	0	09/1994	Davidson			
	AN	5	6	4	8	9	6	9	07/1997	Pasternak et al.			
	AO	5	6	5	7	3	2	5	08/1997	Lou et al.			
	AP	5	9	4	6	3	2	0	08/1999	Decker			
	AQ	5	9	5	6	6	2	4	09/1999	Hunsinger et al.			
	AR	5	9	8	2	7	6	0	11/1999	Chen			
	AS	6	1	2	8	2	7	6	10/2000	Agee			
	AT	6	1	5	4	4	8	9	11/2000	Kleider et al.			
	AU	6	2	0	8	6	6	3	03/2001	Schramm et al.			
	AV	6	3	1	7	4	1	8	11/2001	Raitola et al.			

RECEIVED

MAR 17 2003

Technology Center 2600

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO


## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



 <p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO.</p> <p>I-2-0203.2US</p>	<p>SERIAL NO.</p> <p>10/084,043</p>
	<p>APPLICANT</p> <p>Joseph A. Kwak</p>	
	<p>FILING DATE</p> <p>February 27, 2002</p>	<p>GROUP</p> <p>2662</p>

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AL	US Patent Publication No. US 2002-US-0064167 A1 published May 30, 2002 (Khan et al.)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449

ATTY. DOCKET NO.  
1-2-203.2USSERIAL NO.  
10/084,043U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
Joseph A. KwakINFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
2/27/02GROUP  
2662

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4 9 1 2 7 0 5	3/27/90	Paneth et al.			
AB	5 2 8 0 4 9 8	1/18/94	Tymes et al.			
AC	5 3 5 1 0 1 6	9/27/94	Dent			
AD	5 5 4 4 1 9 6	8/6/96	Tiedemann, Jr. et al.			
AE	5 9 8 3 3 8 4	11/9/99	Ross			
AF	6 0 4 9 5 4 9	4/11/00	Ganz et al.			
AG	6 2 3 3 7 1 1	5/15/01	Murayama et al.			
AH	6 2 7 2 1 8 3	8/7/01	Berens et al.			
AI	6 3 0 8 2 9 4	10/23/01	Ghosh et al.			

**RECEIVED**  
JAN 17 2003  
Technology Center 2600

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	US Patent Publication No. US 2002-US-0064167 A1 published May-30, 2002 (Khan et al.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Submitted 8/5/04

<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> I-2-0203.2US	<b>SERIAL NO.</b> <del>Not Yet Known</del> <u>10/084043</u>
	<b>APPLICANT</b> KWAK, Joseph A	
	<b>FILING DATE</b> Not Yet Known	<b>GROUP</b> <del>Not Yet Known</del> <u>2662</u>

1c971 U.S. PTO  
 10/084043  
 02/27/02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	"Hybrid ARQ Methods for FDD in Release-2000," TSG-RAN-Working Group-1 Meeting #14, Oulu, Finland, July 4-7, 2000
AB	"Physical Layer Aspects of UTRA High-Speed Downlink Packet Access," 3GPP TR 25.848 V4.0.0 (2001-03), pp. 1-89

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Submitted 8/1/04